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scrambled packet with new key and previous s

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DATA SCRAMBLING SYSTEM FOR A SHARED TRANSMISSION MEDIUM - Patent ...

B. the server unscrambling a **scrambled** portion of the upstream communication containing a **new key** for the first client modem using a **previous seed** for the ...

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System for providing **scrambled** content, and system for ...

It is noted that the **key** P used by the encryption device 4 can be transferred ... P for the **previous data packet**. This means that the processing unit 8 must ...

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Cryptography patents 200606

Freshpatents.com offers information on a variety of **new** patent applications, ... The management unit includes a **WEP seed key** generator for generating a **WEP**. ...

www.freshpatents.com/Cryptography-dt200606ntc380.php - 49k - [Cached](#) - [Similar pages](#)

Cryptography patents **new**

20070177733 - Method of descrambling a **scrambled** content data object: In a having a plurality of **packet** identifier (PID) streams included therein, ...

www.freshpatents.com/Cryptography-dtnewntc380.php - 62k - [Cached](#) - [Similar pages](#)

[PDF] What is .cracking WEP.

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This **key** is all-important to WEP. in that it is also used in the encryption process to uniquely **scramble** each **packet** of. information with a unique password. ...

www.airscanner.com/pubs/wep.pdf - [Similar pages](#)

Computer implemented secret object **key** block cipher encryption and ...

Method and apparatus for end-to-end encryption of a data **packet** in a Using the modified object **key** from the **previous** step, a **new key** schedule is ...

www.patentstorm.us/patents/6259789-description.html - 54k - [Cached](#) - [Similar pages](#)

Public network merchandising system - US Patent 5825881

(4) Master **key** server receives this **packet**, checks the 256 numbers for validity, and returns a message back to the client further validating the **new key**. ...

www.patentstorm.us/patents/5825881-description.html - 52k - [Cached](#) - [Similar pages](#)

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key will be unique for each **new data packet**. Output. stream is the result of XOR operations on ... partner to bargain a **new seed** (or a **new seed** and a **new** ...

ieeexplore.ieee.org/iel5/9388/29803/01358430.pdf?arnumber=1358430 - [Similar pages](#)

O'Reilly - Safari Books Online - 1587051540 - Cisco Wireless LAN ...

These values are **scrambled** inside the array via a series of swapping The recipient uses this **WEP seed** as the **key** to decrypt the **packet** via RC4. ...

safari.oreilly.com/1587051540/ch08lev1sec2 - [Similar pages](#)

[PDF] Secure Communication: a New Application for Active NetworksFile Format: PDF/Adobe Acrobat - [View as HTML](#)

is used to **scramble** the text output of the other programs into a 16 byte **seed** bits are generated per **packet** thus the number of **key** bits (and thus ...

www.iam.unibe.ch/~rvs/research/publications/IAM-00-007.pdf - [Similar pages](#)

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Search history:

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CP		[Clipboard]		0	-
1	INZZ	dynamic ADJ adj2 ADJ key WITH client ADJ modem\$1 AND downstream	unrestricted	0	-
2	INZZ	dynamic ADJ near2 ADJ key WITH client ADJ modem\$1	unrestricted	0	-
3	INZZ	dynamic ADJ key	unrestricted	86	show titles
4	INZZ	3 AND scrambl\$3 ADJ encod\$3 ADJ encrypt\$3 ADJ packet\$1	unrestricted	0	-

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dynamic key and cable television



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Relevance scale

1 [Content management: Dynamic program insertion in high quality video over IP](#) 

Taehyun Kim, Jack Brassil

June 2003 **Proceedings of the 13th international workshop on Network and operating systems support for digital audio and video NOSSDAV '03**

Publisher: ACM Press

Full text available: pdf(269.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We introduce an overlay network architecture and signaling mechanism that permit program insertions in live, high quality video streams transmitted over IP networks. We describe the implementation of an application proxy that dynamically inserts pre-recorded video programs into NTSC D1 quality Motion-JPEG streams with no visible artifacts. As increases in computing power further enable the modification of video during transport, new services such as personalized commercial advertisement insertio ...

Keywords: content delivery networks (CDNs), digital television (DTV), multimedia signaling, program and system information protocol (PSIP), program cues, real-time transport protocol (RTP), video streaming

2 [A pay-per-program television network simulation model](#)

Paul J. Kuzdrall, James E. Hatch, Roger A. More

January 1980 **Proceedings of the 12th conference on Winter simulation WSC '80**

Publisher: IEEE Press

Full text available: pdf(531.08 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper describes a simulation model which was constructed to evaluate the financial implications of a national pay-per-program television network. The model is currently being used to explore a number of consumer price/content scenarios prior to introduction and selection of a pay-per-program or pay-per-channel system. It affords the user a laboratory in which to test key marketing and financial assumptions and evaluate the consequences of their outcome measured in terms of r ...

3 [Digital video display systems and dynamic graphics](#) 

Ronald Baecker

August 1979 **ACM SIGGRAPH Computer Graphics , Proceedings of the 6th annual conference on Computer graphics and interactive techniques SIGGRAPH '79**, Volume 13 Issue 2

Publisher: ACM Press

Full text available:  [pdf\(1.06 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Most digital video display systems have been capable of producing only text or static imagery. This paper shows that these limitations are not intrinsic to the technology, but are rather a direct consequence of the display system architecture. The paper begins by summarizing some of the background required to understand digital video display systems. The state-of-the-art is then surveyed, supported by an extensive bibliography. Existing systems are described in terms of a methodology which ...


Keywords: Animated graphics, Computer animation, Digital video display, Dynamic graphics, Raster display, Raster graphics, Video display, Video raster system

4 Structuring internet media streams with cueing protocols

Jack Brassil, Henning Schulzrinne

August 2002 **IEEE/ACM Transactions on Networking (TON)**, Volume 10 Issue 4

Publisher: IEEE Press

Full text available:  [pdf\(282.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We propose a new, media-independent protocol for including program timing, structure, and identity information in Internet media streams. The protocol uses signaling messages called *cues* to indicate events whose timing is significant to receivers, such as the start or stop time of a media program. We describe the implementation and operation of a prototype Internet radio station which transmits program cues in audio broadcasts using the Real-Time Transport Protocol (RTP). A collection of ...

Keywords: content delivery networks, multimedia signaling, real-time transport protocol (RTP)

5 Exhibition papers: Streaming video: an experiment in new aesthetics



Jim Bizzocchi

April 2005 **Proceedings of the 5th conference on Creativity & cognition C&C '05**

Publisher: ACM Press

Full text available:  [pdf\(148.75 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In my research program, Ambient Video, I am investigating the impact of the introduction of large, high-resolution, flat-screen displays on the aesthetics and techniques that will be used in productions created in the future when this type of display is common. This paper for Creativity & Cognition 2005 provides background and context for the exhibition of a video art work, *Streaming Video*, which has been created as part of the research.

Keywords: aesthetics, ambient video, flat screen display, post-production, reception analysis, video production

6 Evolution of spectrum-agile cognitive radios: first wireless internet standard and beyond



Kiran Challapali, Carlos Cordeiro, Dagnachew Birru

August 2006 **Proceedings of the 2nd annual international workshop on Wireless internet WICON '06**

Publisher: ACM Press

Full text available:  [pdf\(239.09 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Spectrum agile radios, also known as cognitive radios, have received much attention from

researchers recently. Although the promise of cognitive radios in terms of increased access to spectrum was widely recognized very early, specific applications that utilize cognitive radio techniques have only recently begun to develop.

In this paper we briefly describe the first wireless Internet standard that is based on Cognitive Radio techniques, namely IEEE 802.22, and discuss its performance ...

Keywords: cognitive radios, dynamic spectrum access, multi-channel access, spectrum agile radios

7 Interactivity: TRIBA: a cable television retrieval & awareness system



Michael Tseng, Jon Kolko

April 2005 **CHI '05 extended abstracts on Human factors in computing systems CHI '05**

Publisher: ACM Press

Full text available: pdf(75.21 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper discusses the design of a physical and digital system intended to allow for easy manipulation and interaction with the tremendous amount of options present in advanced multimedia devices, such as digital cable television. As user demand for access to large quantities of data increases, and cable companies offer more choices to their audiences, traditional content selection techniques become less useful and much more difficult to understand. TRIBA is the result of a ten week research a ...

Keywords: context+focus, convergent product design, information visualization, user agents

8 Exploiting perception in high-fidelity virtual environments: Exploiting perception in high-fidelity virtual environments



Additional presentations from the 24th course are available on the citation page

Mashhuda Glencross, Alan G. Chalmers, Ming C. Lin, Miguel A. Otaduy, Diego Gutierrez
July 2006 **ACM SIGGRAPH 2006 Courses SIGGRAPH '06**

Publisher: ACM Press

Full text available: pdf(5.07 MB) mov(68:6 MIN) Additional Information: [full citation](#), [appendices and supplements](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

The objective of this course is to provide an introduction to the issues that must be considered when building high-fidelity 3D engaging shared virtual environments. The principles of human perception guide important development of algorithms and techniques in collaboration, graphical, auditory, and haptic rendering. We aim to show how human perception is exploited to achieve realism in high fidelity environments within the constraints of available finite computational resources. In this course w ...

Keywords: collaborative environments, haptics, high-fidelity rendering, human-computer interaction, multi-user, networked applications, perception, virtual reality

9 Countermeasures for attacks on satellite TV cards using open receivers



Lishoy Francis, William G. Sirett, Keith Mayes, Konstantinos Markantonakis

January 2005 **Proceedings of the 2005 Australasian workshop on Grid computing and e-research - Volume 44 ACSW Frontiers '05**

Publisher: Australian Computer Society, Inc.

Full text available: pdf(100.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	12	713/168.ccls. and (encrypt\$3 encod\$3 encipher\$3 scrambl\$3) adj (packet\$1 content\$1) with (key\$1) with (seed\$1 random\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:49
L12	3	713/171.ccls. and (encrypt\$3 encod\$3 encipher\$3 scrambl\$3) adj (packet\$1 content\$1) with (key\$1) with (seed\$1 random\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:49
L11	1	8 and (encrypt\$3 encod\$3 encipher\$3 scrambl\$3) adj (packet\$1 content\$1) with (key\$1) with (seed\$1 random\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:48
L10	1	8 and(encrypt\$3 encod\$3 encipher\$3 scrambl\$3) adj (packet\$1 content\$1) with (key\$1) with (seed\$1 random\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:46
L9	0	8 and (upstream downstream) and (encrypt\$3 encod\$3 encipher\$3 scrambl\$3) adj (packet\$1 content\$1) with (key\$1) with (seed\$1 random\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:46
L8	425	380/210.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/30 11:45
L7	2	6 and 5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/30 11:45
L5	13	(upstream downstream) and (encrypt\$3 encod\$3 encipher\$3 scrambl\$3) adj (packet\$1 content\$1) with (key\$1) with (seed\$1 random\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:45
S48	125	cable near5 television and (head adj end or headend) and (subscriber\$1 receiver\$1 client\$1 user\$1 modem\$1) with (encrypt\$3 scrambl\$3 encod\$3) with (key or seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/30 11:44
L6	382	cable near5 television and (head adj end or headend) and (subscriber\$1 receiver\$1 client\$1 user\$1 modem\$1) with (encrypt\$3 scrambl\$3 encod\$3) with (key or seed)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/30 11:44

EAST Search History

L4	0	server with subpacket adj scrambled.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:39
L3	0	scrambled adj packet with new adj key.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:39
L2	0	scrambled adj upstream with new adj key.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:38
L1	0	upstream adj server with downstream adj client with dynamic adj key.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:38
S19 0	1	new adj key with previous adj seed.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/30 11:37
S19 3	1	next adj seed with next adj key.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:17
S19 2	1	downstream with scrambling with seed.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:17
S19 1	1	dynamic adj key with client adj modems.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:16
S18 9	1	ree.in. and upstream with downstream and new adj key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:15
S18 8	1	mittchell.in. and upstream with downstream and new adj key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:15

EAST Search History

S18 7	1	terry.in. and upstream with downstream and new adj key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:15
S18 6	1	S183 and upstream with downstream and new adj key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:15
S18 5	50	S183 and upstream with downstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:15
S18 4	69	S183 and upstream and downstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:14
S18 3	2973	basil.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:14
S15	29	cable adj modem and (seed or ramdom adj generator) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/13 16:14
S18 2	2	"20020138748"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/12 14:05
S18 1	2	"7096504"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/12 14:05
S18 0	6	"6714649"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/12 14:02
S17 9	13	"6792536"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/12 14:01

EAST Search History

S17 8	46	"5325430"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/12 14:00
S17 7	37	"5734720"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 18:10
S17 6	37	"5734720"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 18:09
S17 5	24	"5787483"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 18:01
S17 4	25	"5432850"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 17:28
S17 3	15	"5760822"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 16:20
S17 2	6	"5923361"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 16:18
S17 1	46	(doubl\$3 twice) adj (encrypt\$3 scrambl\$3 encod\$3 encipher\$3) and downstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/11 16:17
S17 0	11	("4747050" "5412730" "5416840" "5504816" "5638445" "5719937" "5787169" "5805700" "5933501" "5991403" "6157719").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:33
S16 9	5	dynamic adj key\$2 and "725"/\$. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:31

EAST Search History

S16 8	91	new adj key\$2 and "725"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:31
S16 7	5	new adj key\$2 and 725/105.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:31
S16 6	1	dynamic\$2 adj key\$2 and 725/105. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:27
S16 5	11	dynamic\$2 adj key\$2 and upstream and downstream	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:26
S16 4	0	dynamic\$2 adj key\$2 and upstream and downstream and (scrambl\$3 encrypt\$3 encod\$3 encipher\$3) adj (packet frame)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:21
S16 3	6820	dynamic\$2 adj key\$2 and upstream and downstream (scrambl\$3 encrypt\$3 encod\$3 encipher\$3) adj (packet frame)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:21
S16 2	0	(unscrambl\$3 unencrypt\$3 decrypted descrambl\$3 decipher\$3 decod\$3) with keys and upstream and downstream and random and MAC adj ID and key\$1 with (scrambl\$3 encrypt\$3 encod\$3 encipher\$3) adj (packet frame)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:20
S16 1	7	(unscrambl\$3 unencrypt\$3 decrypted descrambl\$3 decipher\$3 decod\$3) with keys and upstream and downstream and random and key\$1 near4 generat\$3 and key\$1 with (scrambl\$3 encrypt\$3 encod\$3 encipher\$3) adj (packet frame)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:17
S16 0	134	(unscrambl\$3 unencrypt\$3 decrypted descrambl\$3 decipher\$3 decod\$3) with keys and upstream and downstream and random and key\$1 near4 generat\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:15
S15 9	155	(unscrambl\$3 unencrypt\$3 decrypted descrambl\$3 decipher\$3 decod\$3) with keys and upstream and downstream and random	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:14
S15 8	1	(unscrambl\$3 unencrypt\$3 decrypted descrambl\$3 decipher\$3 decod\$3) with keys and upstream and downstream and shar\$3 adj transmission adj media	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:14

EAST Search History

S15 7	4	(unscrambl\$3 unencrypt\$3 decrypted descrambl\$3 decipher\$3 decod\$3) with keys and upstream and downstream and dynamic\$2 near2 key\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:12
S15 6	1	(unscrambl\$3 unencrypt\$3 decrypted descrambl\$3 decipher\$3 decod\$3) with keys and upstream and downstream and dual adj key\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:05
S15 5	205	(unscrambl\$3 unencrypt\$3 decrypted descrambl\$3 decipher\$3 decod\$3) with keys and upstream and downstream	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:24
S15 4	11	380/44.ccls. and upstream and downstream	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 14:23
S15 1	788	380/44.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 13:14
S15 3	0	380/273.ccls. and upstream and downstream	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 13:13
S15 0	135	380/273.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 13:13
S15 2	7	380/262.ccls. and upstream and downstream	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 12:53
S14 9	260	380/262.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 12:53
S14 8	11	coaxmedia	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 11:32
S14 5	10	"6636527"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 11:16
S14 7	10	"5706348"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 11:06
S14 6	16	"5805705"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 11:06
S14 4	7	upstream with downstream with (encrypt\$3 scrambl\$3 encod\$3 encipher\$3) and (key\$1 seed\$1) with synchroniz\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 10:58

EAST Search History

S14 3	288	upstream with downstream with (encrypt\$3 scrambl\$3 encod\$3 encipher\$3) and synchroniz\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 10:55
S14 2	2971	upstream with downstream with (encrypt\$3 scrambl\$3 encod\$3 encipher\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 10:55
S14 1	1	upstream with downstream with (encrypt\$3 scrambl\$3 encod\$3 encipher\$3) with twice	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 10:54
S14 0	4	("5297208" "5642141" "6374108" "6618438").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 10:53
S13 9	2	"7076064"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/09 10:27
S17	136	(PRBS adj generator) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/09 10:27
S13 8	2	"7082199"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/09 10:24
S13 7	20	"5881362"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/09 10:23
S13 6	1	(pseudo adj random adj binary adj sequence "PRBS" linear adj feedback adj shift adj register) and (upstream\$3 and downstream\$3) and two near2 level\$1 near2 scrambl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/06 17:12
S13 5	67	(pseudo adj random adj binary adj sequence "PRBS" linear adj feedback adj shift adj register) and (upstream\$3 and downstream\$3) and two near4 scrambl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/06 17:10

EAST Search History

S13 4	1	(pseudo adj random adj binary adj sequence "PRBS" linear adj feedback adj shift adj register) and (upstream\$3 and downstream\$3) same (scrambl\$3 encrypt\$3 encod\$3 encipher\$3) and (tree branch) and synchroniz\$3 with (pseudo adj random adj binary adj sequence "PRBS" linear adj feedback adj shift adj register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/06 17:10
S13 3	25	(pseudo adj random adj binary adj sequence "PRBS" linear adj feedback adj shift adj register) and (upstream\$3 and downstream\$3) same (scrambl\$3 encrypt\$3 encod\$3 encipher\$3) and (tree branch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/06 17:04
S13 2	83	(pseudo adj random adj binary adj sequence "PRBS" linear adj feedback adj shift adj register) and (upstream\$3 and downstream\$3) same (scrambl\$3 encrypt\$3 encod\$3 encipher\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/06 17:04
S13 1	410	(pseudo adj random adj binary adj sequence "PRBS" linear adj feedback adj shift adj register) and upstream\$3 and downstream\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/06 17:03
S13 0	39	DVB adj randomization DVB adj scrambl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/06 17:00
S12 9	38	"6028933"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/06 16:49
S12 8	32	"6028933"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/15 16:04
S12 7	55	(DVB digital adj video adj broadcast\$3) with (randomization scrambl\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/15 16:04

EAST Search History

S12 6	11	DVB adj (randomization scrambl\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/15 10:39
S10 8	453	380/277.ccls. and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/15 10:34
S12 5	24	"5432850"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/14 17:41
S12 4	3	"20020138850"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/14 17:41
S11 1	11	(twice double dual multiple) adj (encrypt\$3 encod\$3 scrambl\$3 encipher\$3) and shar\$3 adj (communication transmission) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/27 09:53
S11 0	1135	(twice double dual multiple) adj (encrypt\$3 encod\$3 scrambl\$3 encipher\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/27 09:53
S10 9	47	380/277.ccls. and (encrypt\$3 encod\$3 scrambl\$3 encipher\$3) near5 (twice double dual) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/27 09:51
S10 7	11	DVB adj (Randomization or scrambl\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/27 09:22
S10 3	49	cable and broadcast and headend and (CM cable modem\$1) with (encrypt\$3 encod\$3 scrambl\$3 encipher\$3) and synchron\$5 and (pseudorandom near2 generat\$3 stream adj cipher keystream seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 13:50

EAST Search History

S10 2	80	bi adj directional and cable and broadcast and headend and (CM cable modem\$1) with (encrypt\$3 encod\$3 scrambl\$3 encipher\$3) and synchron\$5 and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 10:21
S10 1	133	bi adj directional and cable and broadcast and headend and (CM cable modem\$1) with (encrypt\$3 encod\$3 scrambl\$3 encipher\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 10:20
S99	206	bi adj directional and cable and broadcast and headend and (CM cable modem\$1) and (encrypt\$3 encod\$3 scrambl\$3 encipher\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 10:20
S98	289	bi adj directional and cable and broadcast and headend and (CM cable modem\$1) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 10:01
S97	8	bi adj directional and cable and broadcast and headend and (CM cable modem\$1) and DVB and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 10:01
S96	45	bi adj directional and cable and broadcast and headend and (CM cable modem\$1) and DVB	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 09:58
S95	638	bi adj directional and cable and broadcast and headend and (CM cable modem\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 09:58
S94	638	bi adj directional and cable and broadcast and headend	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 09:57
S91	10	S84 and (encrypt\$3 scrambl\$3 encipher\$3 encod\$3) with (down adj stream downstream) and random near\$5 generator	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 09:44
S90	49	S84 and (encrypt\$3 scrambl\$3 encipher\$3 encod\$3) with (down adj stream downstream)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:58
S89	5	S84 and (keystream key seed) same synchron\$5 and (encrypt\$3 scrambl\$3 encipher\$3 encod\$3) with (up adj stream upstream) and (encrypt\$3 scrambl\$3 encipher\$3 encod\$3) with (down adj stream downstream)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:57

EAST Search History

S88	24	S84 and (keystream key seed) same synchron\$5 and (encrypt\$3 scrambl\$3 encipher\$3 encod\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:52
S87	89	S84 and (keystream key seed) and (encrypt\$3 scrambl\$3 encipher\$3 encod\$3) and synchron\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:50
S86	189	S84 and (keystream key seed) and (encrypt\$3 scrambl\$3 encipher\$3 encod\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:49
S85	197	S84 and (keystream key seed)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:48
S84	280	(upstream or up adj stream or downstream or down adj stream) and "380"/\$.ccls. and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:48
S83	90	(upstream or up adj stream or downstream or down adj stream) with (keystream seed) and random and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:47
S82	42	(upstream or up adj stream or downstream or down adj stream) with (keystream seed) and generator and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:46
S81	353	(upstream or up adj stream or downstream or down adj stream) with (keystream seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:45
S80	981	(upstream or up adj stream or downstream or down adj stream) with (key keystream seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:44
S79	15	(upstream or up adj stream or downstream or down adj stream) with (cable CATV tv television headend) with (key keystream seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:44
S78	652	(upstream or up adj stream or downstream or down adj stream) with (cable CATV tv television headend) and (key keystream seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:41
S77	3001	(upstream or up adj stream or downstream or down adj stream) with (cable CATV tv television headend) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:40
S68	264439	(upstream or up adj stream or downstream or down adj stream) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:40

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S76	22383	S68 and (cable CATV tv television headend)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:39
S75	8	S69 and stream adj cipher\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:35
S74	21	S68 and stream adj cipher\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:35
S72	30	S68 and (keystream one adj time adj pad\$1 seed) and (encrypt\$3 scrambl\$3 encod\$3 encipher\$3) and synchron\$5 with (keystream one adj time adj pad\$1 seed)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:34
S71	360	S68 and (keystream one adj time adj pad\$1 seed) and (encrypt\$3 scrambl\$3 encod\$3 encipher\$3) and synchron\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:28
S70	4771	S68 and (keystream one adj time adj pad\$1 seed) and (encrypt\$3 scrambl\$3 encod\$3 encipher\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:28
S69	7659	S68 and (keystream one adj time adj pad\$1 seed)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:28
S66	104	380/260.ccls. and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 17:25
S61	795	713/171.ccls. or 380/259.ccls. or 380/260.ccls. and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 15:02
S65	42	S61 and (cable cable adj television broadcast\$3 CATV head adj end headend provider\$1 server) with (encrypt\$3 encod\$3 scrambl\$3) with (key seed) and synchron\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:56
S64	220	S61 and (cable cable adj television broadcast\$3 CATV head adj end headend provider\$1 server) with (encrypt\$3 encod\$3 scrambl\$3) with (key seed)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:56
S63	466	S61 and (cable cable adj television broadcast\$3 CATV head adj end headend provider\$1 server) and (encrypt\$3 encod\$3 scrambl\$3) with (key seed)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:56
S62	526	S61 and (cable cable adj television broadcast\$3 CATV head adj end headend provider\$1 server)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:55

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S60	75	synchro\$7 with (key seed) and cable adj television and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:53
S59	8	synchro\$7 with (key seed) and shar\$3 adj transmission and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:45
S58	4	synchro\$7 with (key seed) and up adj stream and down adj stream and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:43
S57	2578	synchro\$7 with (key seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:41
S56	5	380/44.ccls. and (cable tv broadcast) and synchro\$7 with (key seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:41
S55	25	380/44.ccls. and (cable tv broadcast) and synchro\$7 and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:39
S54	0	380/44.ccls. and (cable tv broadcast) and (key seed) adj synchro\$7 and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:32
S53	88	380/44.ccls. and (cable tv broadcast) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:31
S52	406	380/44.ccls. and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:29
S51	110	cable adj modem\$1 with (encrypt\$3 encod\$3 scrambl\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 14:29
S50	11810	cable adj modem\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 13:28
S49	15	"5787483"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 13:28
S47	475	cable near5 television and (head adj end or headend) and (subscriber\$1 receiver\$1 client\$1 user\$1 modem\$1) with (encrypt\$3 scrambl\$3 encod\$3) and (key or seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 13:02
S46	744	cable near5 television and (head adj end or headend) and (subscriber\$1 receiver\$1 client\$1 user\$1 modem\$1) and (encrypt\$3 scrambl\$3 encod\$3) and (key or seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 13:02

EAST Search History

S45	1471	cable near5 television and (head adj end or headend) and (subscriber\$1 receiver\$1 client\$1 user\$1 modem\$1) and (encrypt\$3 scrambl\$3 encod\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 13:02
S44	2307	cable near5 television and (head adj end or headend) and (subscriber\$1 receiver\$1 client\$1 user\$1 modem\$1) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 13:01
S43	2345	cable near5 television and (head adj end or headend) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:58
S42	13	"380"/\$.ccls. and cable near5 television and shar\$3 and (genertor or feedback near3 register\$1) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:57
S40	243	"380"/\$.ccls. and cable near5 television and shar\$3 and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:35
S39	724	"380"/\$.ccls. and cable near5 television and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:16
S38	0	"380"/\$.ccls. and down adj stream and up adj stream and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:16
S37	0	"380"/\$.ccls. and access adj control\$3 and (key seed) and (encrypt\$3 encod\$3 scrambl\$3) and (cable tv broadcast\$3) and down adj stream and up adj stream and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:15
S36	318	"380"/\$.ccls. and access adj control\$3 and (key seed) and (encrypt\$3 encod\$3 scrambl\$3) and (cable tv broadcast\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:14
S35	600	"380"/\$.ccls. and access adj control\$3 and (key seed) and (encrypt\$3 encod\$3 scrambl\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:13
S34	714	"380"/\$.ccls. and access adj control\$3 and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:12
S33	34366	"380"/\$.ccls. access adj control\$3 and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:12

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S32	6619	"380"/\$.ccls. and @ad<="20001108"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:12
S31	12854	"380"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 12:11
S29	251	(key or seed) and stream adj cipher and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:36
S28	251	(key or seed) and stream adj cipher and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:36
S27	143	713/168.ccls. and (broadcast\$3 cable TV) and (encrypt\$3 scrambl\$3 encod\$3) and (key seed) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:35
S26	153	713/168.ccls. and (broadcast\$3 cable TV) and (encrypt\$3 scrambl\$3 encod\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:05
S25	166	713/168.ccls. and (broadcast\$3 cable TV) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:05
S24	4	713/168.ccls. and (feedback adj registers PRBS adj generat\$3) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:05
S23	1	713/168.ccls. and broadcast\$3 and feedback adj registers and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:02
S22	526	713/168.ccls. and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:01

EAST Search History

S21	27	S18 and (cable television TV CATV) and shar\$3 adj (communication\$2 channel\$1) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 10:29
S20	51	S18 and (cable television TV CATV) and shar\$3 adj (communication\$2 channel\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 10:21
S19	7433	S18 and (cable television TV CATV)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 10:20
S18	30821	"380"/\$.ccls. or "726"/\$.ccls. or "713"/\$.ccls. and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 10:20
S16	1	cable adj modem and (PRBS adj generator) and @ad<="20001108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 10:09